

~~24-11~~ #3



ENTERED

OIIPE

RAW SEQUENCE LISTING

DATE: 02/22/2002

PATENT APPLICATION: US/10/059,152

TIME: 15:49:32

Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\02222002\J059152.raw

```

3 <110> APPLICANT: Zeon Corporation
5 <120> TITLE OF INVENTION: Recombinant herpesvirus of turkeys and use thereof
7 <130> FILE REFERENCE: NDV
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/059,152
C--> 10 <141> CURRENT FILING DATE: 2001-01-31
12 <160> NUMBER OF SEQ ID NOS: 26
14 <170> SOFTWARE: PatentIn Ver. 2.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 555
18 <212> TYPE: DNA
19 <213> ORGANISM: Gallus gallus
21 <220> FEATURE:
22 <221> NAME/KEY: promoter
23 <222> LOCATION: (1)..(555)
25 <400> SEQUENCE: 1
26 gagttatttaa tagtaatcaa ttacggggtc attagttcat agcccatata tggagttccg 60
27 cgttacataa cttacggtaa attggcccg cggctgaccg cccaacgacc cccgcccatt 120
28 gacgtcaata atgacgtatg ttcccatagt aacgccaata gggactttcc attgacgtca 180
29 atgggtggag tatttacggt aaactgcccc ttggcagtac atcaagtgtg tcatatgcca 240
30 agtacgcccc ctattgacgt caatgacggt aaatggatgc agtattttgt gcagcgatgg 300
31 gggcgggggg gggggggcgcg cgccaggcg ggcggggcg ggcgaggggc ggggcggggc 360
32 gaggcggaga ggtgcggcg cagccaatca gagcggcgcg ctccgaaagt ttcttttat 420
33 ggcgagggcg ggcggcgcg gccctataa aaagcgaagc gcgcggcggg cgggagtcgc 480
34 tgcgcgctgc ctgcgcccgc tgccccgctc cgccgcccgc tcgcgcgcgc cgccccggct 540
35 ctgactgacc gcgctc                                     555
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 39
40 <212> TYPE: DNA
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
45 primer DNA for PCR
47 <400> SEQUENCE: 2
48 cagtgtcgt gcagctcagt gcatgcaagc tcattgccc 39
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 50
53 <212> TYPE: DNA
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
58 primer DNA for PCR
60 <400> SEQUENCE: 3
61 gctctagagt cgacaagctt catggctggc tgcggaggaa cagagaaggg 50

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/059,152

DATE: 02/22/2002

TIME: 15:49:32

Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\02222002\J059152.raw

64 <210> SEQ ID NO: 4
65 <211> LENGTH: 16
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
71 primer DNA for PCR
73 <400> SEQUENCE: 4
74 tattttgtgc agcgat 16
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 25
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
84 primer DNA for PCR
86 <400> SEQUENCE: 5
87 acgtctagaa ggcaacgcag cgact. 25
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 26
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
97 primer DNA for PCR
99 <400> SEQUENCE: 6
100 ctgtctagat aacgcggtca gtcaga 26
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 25
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
110 primer DNA for PCR
112 <400> SEQUENCE: 7
113 ccccgattc atggaagaaa tttcc 25
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 40
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
123 primer DNA for PCR
125 <400> SEQUENCE: 8
126 cgcgggcctt attggccaaa acacacctct aacggttact 40
129 <210> SEQ ID NO: 9
130 <211> LENGTH: 40
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

DATE: 02/22/2002

PATENT APPLICATION: US/10/059,152

TIME: 15:49:32

Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\02222002\J059152.raw

```

134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
136     primer DNA for PCR
138 <400> SEQUENCE: 9
139 gcgcggccaa taaggccaaa acacagtaac cgttagaggt          40
142 <210> SEQ ID NO: 10
143 <211> LENGTH: 28
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
149     primer DNA for PCR
151 <400> SEQUENCE: 10
152 ccccaagctt tcaagtgata ctgcgtga          28
155 <210> SEQ ID NO: 11
156 <211> LENGTH: 138
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Description of Artificial Sequence:Modified
162     synthetic oligonucleotide from pUC18
164 <400> SEQUENCE: 11
165 agcttgccaa taaggctgca ggtcgactct agaggatccc cgggcgagct cgctagcggg 60
166 cccgcacgcg gtaccgtcga caataaagaa ccgctttaag aatagtgttt atttttgtgt 120
167 ttatggccaa taaggccg          138
170 <210> SEQ ID NO: 12
171 <211> LENGTH: 137
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence:Modified
177     synthetic oligonucleotide from pUC18 plasmid
179 <400> SEQUENCE: 12
180 aattcgccct tattggccat aaacacaaaa ataaacacta ttcttaaagc ggttctttat 60
181 tgtcgacggg accgcatgcg ggcccgctag cgagctcgcc cggggatcct ctagagtcga 120
182 cctgcagcct tattggc          137
185 <210> SEQ ID NO: 13
186 <211> LENGTH: 25
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
192     primer DNA for PCR
194 <400> SEQUENCE: 13
195 tttctgcagt attttgtgca gcgat          25
198 <210> SEQ ID NO: 14
199 <211> LENGTH: 26
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING

DATE: 02/22/2002

PATENT APPLICATION: US/10/059,152

TIME: 15:49:32

Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\02222002\J059152.raw

```

203 <220> FEATURE:
204 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
205     primer DNA for PCR
207 <400> SEQUENCE: 14
208 ctgtctagat aacgcggtca gtcaga                26
211 <210> SEQ ID NO: 15
212 <211> LENGTH: 30
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
218     primer DNA for PCR
220 <400> SEQUENCE: 15
221 gggctgcaga gttattaata gtaatcaatt            30
224 <210> SEQ ID NO: 16
225 <211> LENGTH: 30
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
231     primer DNA for PCR
233 <400> SEQUENCE: 16
234 gggatgcac cattaccgt cattgacgtc            30
237 <210> SEQ ID NO: 17
238 <211> LENGTH: 25
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
244     primer DNA for PCR
246 <400> SEQUENCE: 17
247 gggtcggttg gcggtcagcc ggcgg                25
250 <210> SEQ ID NO: 18
251 <211> LENGTH: 25
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
257     primer DNA for PCR
259 <400> SEQUENCE: 18
260 cttacggtaa atggcccgcc ggctg                25
263 <210> SEQ ID NO: 19
264 <211> LENGTH: 24
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
270     primer DNA for PCR
272 <400> SEQUENCE: 19

```

RAW SEQUENCE LISTING

DATE: 02/22/2002

PATENT APPLICATION: US/10/059,152

TIME: 15:49:32

Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\02222002\J059152.raw

```

273 tacacttgat gtactgccaa gggc 24
276 <210> SEQ ID NO: 20
277 <211> LENGTH: 25
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
283 primer DNA for PCR
285 <400> SEQUENCE: 20
286 tatttacggg aaactgcccc ttggc 25
289 <210> SEQ ID NO: 21
290 <211> LENGTH: 45
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
296 primer DNA for PCR
298 <400> SEQUENCE: 21
299 gctctagagg atccgcatgg gctccagatc ttctaccagg atccc 45
302 <210> SEQ ID NO: 22
303 <211> LENGTH: 34
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
309 primer DNA for PCR
311 <400> SEQUENCE: 22
312 gcgagctcgg tccatgactg aagactgcta ttgg 34
315 <210> SEQ ID NO: 23
316 <211> LENGTH: 23
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
322 primer DNA for PCR
324 <400> SEQUENCE: 23
325 ctagcagtgg cagttgggaa gat 23
328 <210> SEQ ID NO: 24
329 <211> LENGTH: 24
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
335 primer DNA for PCR
337 <400> SEQUENCE: 24
338 gttaaggcag ggggaagtgat ttgt 24
341 <210> SEQ ID NO: 25
342 <211> LENGTH: 24
343 <212> TYPE: DNA

```

VERIFICATION SUMMARY

DATE: 02/22/2002

PATENT APPLICATION: US/10/059,152

TIME: 15:49:33

Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\02222002\J059152.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date